



	Product	Indications	Characteristics	Contraindications	Preparation Requirements	Cementation
ZIRCONIA	Full Contour Zirconia	<ul style="list-style-type: none"> Posterior crown Bridge (any span) Implant 	<ul style="list-style-type: none"> Superior strength Good aesthetics Monolithic medical-grade Biocompatible 	Situations where there is less than 1.0mm of interocclusal space	<ul style="list-style-type: none"> Any margin preparation acceptable; slight chamfer preferred (rounded edges) 0.8mm axial wall reduction 1.0mm minimum of occlusal reduction required 	<ul style="list-style-type: none"> Remove saliva contamination thoroughly Use Resin-Reinforced Glass Ionomer (RRGI) or self-adhesive resin cement for maximum retention
	Aesthetic Zirconia	<ul style="list-style-type: none"> Posterior crown Anterior crown Anterior 3-unit bridge 	<ul style="list-style-type: none"> High strength High aesthetics Monolithic medical-grade Biocompatible Generation II translucency 	<ul style="list-style-type: none"> Situations where there is less than 1.0mm of interocclusal space Bridges or splinted units over 3 units 	<ul style="list-style-type: none"> Slight chamfer margin preferred (rounded edges) 1.2mm axial wall reduction 1.25mm occlusal reduction preferred Stumpf/post prep shade required 	
	Layered Zirconia	<ul style="list-style-type: none"> Posterior crown Anterior crown Anterior (any span) Implant 	<ul style="list-style-type: none"> High strength substructure Premium porcelain overlay Monolithic medical-grade Biocompatible 	<ul style="list-style-type: none"> Situations where there is less than 1.5mm of interocclusal space For pressed crowns, bridges or splinted units with linear spans > 40mm 	<ul style="list-style-type: none"> Slight chamfer margin preferred (rounded edges) 1.5mm axial wall reduction 1.5mm occlusal reduction 	
LITHIUM DISILICATE	Lithium Disilicate	<ul style="list-style-type: none"> Posterior crown Anterior crown Veneers Inlays and onlays 	<ul style="list-style-type: none"> High strength Superior aesthetics Kind to opposing dentition 	<ul style="list-style-type: none"> Posterior, 4+ unit bridges or inlay-retained bridges Very deep subgingival preparations Patients with substantially reduced residual dentition Bruxism 	<ul style="list-style-type: none"> 1.5mm occlusal and axial wall reduction 1.0mm chamfer margin required (rounded edges) Stumpf/post prep shade required 	<ul style="list-style-type: none"> Bonding: Crowns, veneers, inlays and onlays when tooth preps are primarily supragingival and isolation is possible Cementation: Indicated for full coverage crowns only
METAL	PFM Porcelain Fused-to-Metal	<ul style="list-style-type: none"> Posterior crown Posterior bridge 	<ul style="list-style-type: none"> Moderate strength Moderate aesthetics Au, Pd or Ni/Cr alloy substructure with feldspathic porcelain 	Highly aesthetic cases with minimal prep reduction		Conventional cementation of your choice
	Full-Cast	<ul style="list-style-type: none"> Posterior crown Posterior bridge Inlays and onlays 	<ul style="list-style-type: none"> High strength Low aesthetics Kind to opposing dentition Au, Pd or Ni/C 	Highly aesthetic cases	Feather-edge margin preparations; however, any margin preparation may be used	